

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to respond to a collection of information unless it contains a valid OMB control number.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/686,516
		Filing Date	October 15, 2003
		First Named Inventor	Bennett et al.
		Group Art Unit	1756
Sheet 2 of 2	Examiner Name		
		Attorney Docket Number	58575-293637

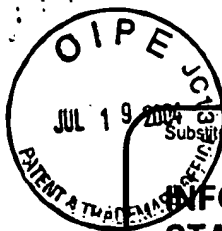
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SJL		JPO Abstract JP404039367A – English Abstract (File: J-PAB) of JP 4-39367 Published on Feb. 10, 1992	
		Derwent Abstract 1992-093963 – English Abstract (File: DWP1) of JP 4-39367 Published on Feb. 10, 1992	
		J. Honablew, SPIE Proceedings, 390, 111-115 (Jan., 1983)	
		Caractere, 46 (410), 26 (Sep. 26, 1995).	

Examiner Signature		Date Considered	5-17-2005
-----------------------	--	--------------------	-----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

2

Complete if Known

Application Number	10/686,516
Filing Date	October 15, 2003
First Named Inventor	Peter A.R. Bennett et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	58575-293637

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
SJL		4,273,851	6/16/81	Muzyczko et al.	
		4,395,946	8/2/1983	Price	
		4,718,340	1/12/88	Love III	
		4,729,310	3/8/88	Love III	
		4,909,151	3/20/90	Fukui et al.	
		5,208,135	5/4/93	Patel et al.	
		5,258,263	11/2/93	Cheema et al.	
		5,340,699	8/23/94	Haley et al.	
		5,368,973	11/29/94	Hasegawa	
		5,395,734	3/7/95	Vogel et al.	
		5,491,046	2/13/96	DeBoer et al.	
		5,506,090	4/9/96	Gardner Jr. et al.	
		5,514,522	5/7/96	Fitzgerald et al.	
		5,516,620	5/14/96	Cheng et al.	
		5,569,573	10/29/96	Takahashi et al.	
		5,616,449	4/1/97	Cheng et al.	
		5,637,435	6/10/97	Shimizu	
		5,663,037	9/2/97	Haley et al.	
		5,677,106	10/14/97	Burberry et al.	
		5,677,110	10/14/97	Chia et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
SJL		EP 0 197 601 A1	10/15/86	Kooi, J.		Yes
		EP 0 641 648 A1	03/08/95	Adler, Uri		Yes
		EP 0 652 483 A1	05/10/95	Ellis, R.		Yes
		EP 0 644 211 A1	03/22/95	Rebre.S.		Abstract
		EP 0 739 749 A2	10/30/96	Tanaka et al.		Yes
		EP 0 802 457 A1	10/22/97	Vermeersch, J.		Yes
		GB 2 273 366 A	06/15/94	Gardner, A.		
		GB 1 217 709	12/31/70	Burnett, L.		

Examiner
SignatureDate
Considered

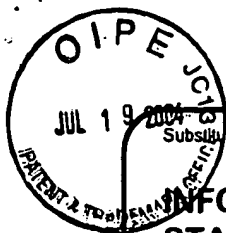
5-17-2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

Application Number	10/686,516
Filing Date	October 15, 2003
First Named Inventor	Peter A.R. Bennett et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	58575-293637

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
SJL		5,705,309	1/6/98	West et al.	
		5,725,994	3/10/98	Kondo	
		5,807,659	9/15/98	Nishimaya et al.	
		5,849,462	12/15/98	Li et al.	
		5,853,958	12/29/98	Cheng et al.	
		5,910,395	6/8/99	Li et al.	
		5,955,238	9/21/99	Yokoya et al.	
		5,985,514	11/16/99	Zheng et al.	
		6,117,610	9/12/2000	Sheriff et al.	
		6,124,425	9/26/2000	Nguyen	
		6,136,503	10/24/2000	Zheng	
		6,153,356	11/28/2000	Urano et al.	
		6,165,676	12/26/2000	Hattori	
		6,232,038	5/15/2001	Takasaki et al.	
		6,245,477	6/12/2001	Ray et al.	
		6,251,563	6/26/2001	Van Damme et al.	
		6,298,780	10/9/2001	Ben-Horin et al.	
		6,566,035	5/20/2003	Aoshima	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
SJL		JP 2000-035661	05/12/2000	Yasuo et al.		Yes
		JP 2000-131837	05/12/2000	Toshiyoshi et al.		Abstract

Examiner
SignatureDate
Considered

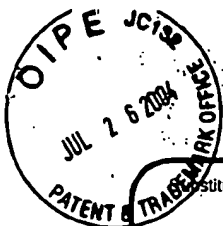
5-17-2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/686,516
Filing Date	October 15, 2003
First Named Inventor	Peter A.R. Bennett et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	58575-293637

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
SJL		US- 2003/0143488 A1	7/31/2003	Teng	
		US- 6,014,929	1/18/2000	Teng	
		US- 6,071,675	6/8/2000	Teng	
		US- 6,242,156 B1	6/5/2001	Teng	
		US- 6,245,481 B1	6/12/2001	Teng	
		US- 6,245,486 B1	6/12/2001	Teng	
		US- 6,387,595 B1	5/14/2002	Teng	
		US- 6,410,208 B1	6/25/2002	Teng	
		US- 6,482,571 B1	11/19/2002	Teng	
		US- 6,495,310 B2	12/17/2002	Teng	
		US- 6,541,183 B2	4/1/2003	Teng	
		US- 6,548,222 B2	4/15/2003	Teng	
		US- 6,566,039 B1	5/20/2003	Teng	
		US- 6,576,401 B2	6/10/2003	Teng	
		US- 6,723,493 B2	4/20/2004	Teng	
		US- 6,745,693 B2	6/8/2004	Teng	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁴ - Kind Code ⁵ (if known)				
SJL		WO 99/46132	9/16/99	Teng		
		WO 02/21215 A1	3/14/2002	Teng		
		WO 02/01291 A1	1/3/2002	Teng		
		EP 0 672 954 B1	9/15/99	Haley et al.		

Examiner
SignatureDate
Considered

5-17-2005

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)


Sheet 2 of 2

Complete if Known

Application Number	10/686,516
Filing Date	October 15, 2003
First Named Inventor	Peter A.R. Bennett et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	58575-293637

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SJL		PCT International Search Report, mailed November 6, 1997 (3 pages)	
↓		GB Search Report Under Section 17, date of search: 8 August 1996 (1 page)	

Examiner
SignatureDate
Considered

5-17-2005

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, MAIL STOP 1450, ALEXANDRIA, VA 22313-1450.